

AMENDMENT

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently amended) Adhesive and sealant composition comprising a member selected from the group consisting of polyurethane, silane-terminated polymers, silicones, unsaturated polyester resins, vinyl ester resins, acrylates, polyvinyl acetate, polyvinyl alcohol, polyvinyl ether, ethylene vinyl acetate, ethylene-acrylic acid copolymers, polyvinyl acetates, polystyrene, polyvinyl chloride, styrene-butadiene rubber, chloroprene rubber, nitrile rubber, butyl rubber, polysulfide, polyethylene, polypropylene, fluorinated hydrocarbons, polyamides, saturated polyesters and copolyesters, phenol-formaldehyde resins, cresol-/resorcinol-formaldehyde resins, urea-formaldehyde resins, melamine-formaldehyde resins, polyimides, polybenzimidazoles, and polysulfones, containing 1 wt.% to 15 wt.% of a compacted hydrophobic, pyrogenic silica having a compacted bulk density of 60 g/l to 200 g/l, a BET surface area of 80 to 290 m²/g and a carbon content of 1.0 to 6.5 wt.%, wherein the silica has been compacted by a roller compactor or by a pressing filter belt and as a result of said silica being compacted in such way said adhesive and sealant composition is rendered thixotropic and the time required for incorporating said compacted hydrophobic pyrogenic silica into said adhesive and sealant composition is reduced compared to the time required for incorporation into said composition of silica that has not been compacted with a roller compactor or by a pressing filter belt, and wherein the silica has been made hydrophobic with a silicone oil, with an octyl silane, with hexadimethyl disilazane, with a methacrylate silane, or with an octamethyl cyclotetrasiloxane.

2. (Canceled)

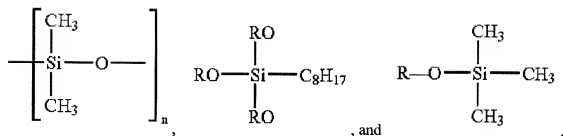
3. (Currently amended) A method for reducing the time needed to incorporate compacted hydrophobic silicas into adhesives and sealant compositions in order to render them thixotropic comprising incorporating a compacted hydrophobic silica in the amount of 1 wt% to 15 wt% into a member selected from the group consisting of polyurethane, silane-terminated polymers, silicones, unsaturated polyester resins, vinyl ester resins, acrylates, polyvinyl acetate, polyvinyl

alcohol, polyvinyl ether, ethylene vinyl acetate, ethylene-acrylic acid copolymers, polyvinyl acetates, polystyrene, polyvinyl chloride, styrene-butadiene rubber, chloroprene rubber, nitrile rubber, butyl rubber, polysulfide, polyethylene, polypropylene, fluorinated hydrocarbons, polyamides, saturated polyesters and copolyesters, phenol-formaldehyde resins, cresol-/resorcinol-formaldehyde resins, urea-formaldehyde resins, melamine-formaldehyde resins, polyimides, polybenzimidazoles, and polysulfones. wherein polysulfones, wherein the compacted hydrophobic silica has a compacted bulk density of 60 g/l to 200 g/l, a BET surface area of 80 to 290 m²/g and a carbon content of 1.0 to 6.5 wt.%, and wherein the silica has been compacted by a roller compactor or by a pressing filter belt and as a result of said silica being compacted in such way said adhesive and sealant compositions are rendered thixotropic and the time required for incorporating said compacted hydrophobic pyrogenic silica into said adhesive and sealant compositions is reduced compared to the time required for incorporation into such compositions of silica that has not been compacted with a roller compactor or by a pressing filter belt, and wherein the silica has been made hydrophobic with a silicone oil, with an octyl silane, with hexadimethyl disilazane, with a methacrylate silane, or with an octamethyl cyclotetrasiloxane.

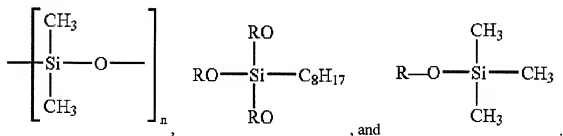
4. (Canceled)

5. (Previously presented) The method according to claim 3 wherein the time needed to prepare thixotropic adhesives and sealants is shorter than would be the time required to prepare thixotropic adhesives and sealants using compacted hydrophobic silica having a compacted bulk density of 50 g/l.

6. (Previously presented) The adhesive and sealant composition according to claim 1 wherein the silica is selected from the group consisting of



7. (Previously presented) The method according to claim 3 wherein the silica is selected from the group consisting of



8-9. (Canceled)